

What is claimed is:

1. In a pneumatic tire comprising a spiral belt formed by spirally winding a cord(s) along a circumferential direction of a torus tread, the improvement wherein the spiral belt is comprised of at least one layer constructed with a combination of two different cords consisting of a steel cord and a fiber reinforcing cord each having an initial tension of not less than 50 cN/cord.

2. A pneumatic tire according to claim 1, wherein the fiber reinforcing cord is made from a resin material or an inorganic material.

3. A pneumatic tire according to claim 2, wherein the resin material is selected from aromatic polyamide, polyethylene naphthalate, polyethylene terephthalate, rayon and aliphatic polyamide, and the inorganic material is selected from glass and carbon.

4. A pneumatic tire according to claim 1, wherein the two different cords are continuously arranged from an end of the tread to the other end thereof in a widthwise direction.

5. A pneumatic tire according to claim 1, wherein one cord among the two different cords is arranged on both side portions of the spiral belt in the widthwise direction.

6. A pneumatic tire according to claim 1, wherein one cord among the two different cords is arranged on a central portion of the spiral belt in the widthwise direction.

7. A method of producing a pneumatic tire comprising a spiral belt formed by spirally winding a cord(s) along a circumferential direction of a torus tread, which comprises arranging a double-start type head in a cord winding machine, and simultaneously winding one to five steel cords and one to five fiber reinforcing cords from one end of the tread toward the other end thereof in a widthwise direction through the cord winding machine.

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